

## Sheldrake, Sean

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**From:** Sheldrake, Sean  
**Sent:** Wednesday, April 08, 2015 9:15 AM  
**To:** 'Ryan Barth'  
**Cc:** 'PetersonLE@cdm.com'; Rick Schwarz; Carl Stivers; rjw@nwnatural.com; bayuk.dana@deq.state.or.us  
**Subject:** RE: Gasco Sediments Site DTS Cable Diver Verification - Revised Dive Plan and Diver Certifications  
**Attachments:** SLED VESSEL CHANGES Dive Safety Plan GASCO\_RSS 3 4 2015.pdf; Gasco Sediments Site DTS Cable Diver Verification - Revised Dive Plan and Diver Certifications

Ryan, Thank you for providing this additional information. EPA has no additional HASP comments at this time on the proposed approach for this week's sampling.

S

Sean Sheldrake, Unit Diving Officer, RPM  
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**From:** Ryan Barth [mailto:rbarth@anchorqea.com]  
**Sent:** Friday, April 03, 2015 3:06 PM  
**To:** Sheldrake, Sean  
**Cc:** 'PetersonLE@cdm.com'; Rick Schwarz; Carl Stivers  
**Subject:** Gasco Sediments Site DTS Cable Diver Verification - Revised Dive Plan and Diver Certifications

Sean –

We are currently scheduled to complete the remaining portion of the diver inspection of the Gasco Sediments Site distributed temperature sensing (DTS) fiber optic cable burial on next Friday April 10. We have coordinated this work with Lance. RSS has provided the attached revised (see yellow highlights) dive plan overview to reflect this additional dive work. Also, Nathan Birnbaum will be a backup diver in case any of the other RSS divers (already approved for use by EPA) are unable to complete the dive work. His updated certifications that have lapsed since submittal of our EPA-approved Dive Plan are attached.

The last attachment provides revised (see yellow highlights) Dive Plan replacement pages for use of an alternative RSS vessel (termed “sled”) as a contingency in case his primary dive vessel is unable to support the diver operations. RSS currently plans on using the primary dive support vessel for the work next Friday but we wanted to submit these contingency Dive Plan replacement pages just in case a contingency vessel becomes necessary.

Let me know if you have any questions and if Nathan Birnbaum and the contingency vessel are approved for use, should they be required. Thanks.

Ryan Barth, P.E.  
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**From:** Ryan Barth  
**Sent:** Tuesday, February 17, 2015 1:43 PM  
**To:** 'Sheldrake.Sean@epamail.epa.gov'  
**Cc:** 'PetersonLE@cdm.com'; Rick Schwarz  
**Subject:** Gasco Sediments Site DTS Cable Diver Verification - Replacement Diver Proposed  
**Importance:** High

Sean –

Due to diver scheduling conflicts that have arose, RSS is proposing to use a replacement diver than was originally proposed in the dive plan. RSS is very familiar with your diver qualification requirements and the attached credentials document the proposed diver achieves the requirements. RSS also updated the dive plan to include this replacement diver and his credentials – no other revisions were made. Due to file size limitations, the slightly updated dive plan can be downloaded using the below Drop Box account link. Please let me know if RSS has approval to use this diver.

(b) (6)

A large rectangular area of the document is redacted with a solid grey background, obscuring several lines of text.

Ryan Barth, P.E.  
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